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List of Publications by Year
in descending order

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64 papers	4,581 citations	126858 33 h-index	114418 63 g-index
99 all docs	99 docs citations	99 times ranked	3446 citing authors

#	Article	IF	Citations
1	Organocatalytic Formation of Quaternary Stereocenters. Synthesis, 2009, 2009, 1583-1614.	1.2	533
2	Asymmetric Construction of Quaternary Stereocenters by Direct Organocatalytic Amination of Î±-Substituted Î±-Cyanoacetates and Î²-Dicarbonyl Compounds. Journal of the American Chemical Society, 2004, 126, 8120-8121.	6.6	271
3	Chirally Aminated 2-Naphtholsâ€"Organocatalytic Synthesis of Non-Biaryl Atropisomers by Asymmetric Friedelâ€"Crafts Amination. Angewandte Chemie - International Edition, 2006, 45, 1147-1151.	7.2	228
4	Non-Biaryl Atropisomers in Organocatalysis. Chemistry - A European Journal, 2006, 12, 6039-6052.	1.7	206
5	Chemistry and Biology of Diazonamide A:Â First Total Synthesis and Confirmation of the True Structure. Journal of the American Chemical Society, 2004, 126, 12888-12896.	6.6	182
6	Vicinal Amino Alcohols as Organocatalysts in Asymmetric Cross-Aldol Reaction of Ketones:â€‰ Application in the Synthesis of Convolutamydine A. Organic Letters, 2007, 9, 5473-5476.	2.4	178
7	Organocatalytic Regio- and AsymmetricC-Selective SNAr ReactionsStereoselective Synthesis of Optically Active Spiro-pyrrolidone-3,3â€˜-oxoindoles. Journal of the American Chemical Society, 2005, 127, 3670-3671.	6.6	173
8	Organocatalytic Enantioselective Conjugate Addition to Alkynones. Journal of the American Chemical Society, 2004, 126, 5672-5673.	6.6	168
9	Multiple Catalysis with Two Chiral Units: An Additional Dimension for Asymmetric Synthesis. Angewandte Chemie - International Edition, 2011, 50, 6216-6232.	7.2	163
10	Total Synthesis of Diazonamide A. Angewandte Chemie - International Edition, 2002, 41, 3495-3499.	7.2	157
11	Direct Organocatalytic and Highly Enantio- and Diastereoselective Mannich Reactions of Î±-Substituted Î±-Cyanoacetates. Angewandte Chemie - International Edition, 2005, 44, 2896-2899.	7.2	143
12	Quinineâ€Catalyzed Asymmetric Synthesis of 2,2â€²â€Binaphtholâ€Type Biaryls under Mild Reaction Conditions. Angewandte Chemie - International Edition, 2016, 55, 6525-6529.	7.2	132
13	Synthesis of New Chiral 2,2â€˜-Bipyridyl-Type Ligands, Their Coordination to Molybdenum(0), Copper(II), and Palladium(II), and Application in Asymmetric Allylic Substitution, Allylic Oxidation, and Cyclopropanation. Organometallics, 2001, 20, 673-690.	1.1	127
14	Synthesis of New Chiral 2,2â€˜-Bipyridine Ligands and Their Application in Copper-Catalyzed Asymmetric Allylic Oxidation and Cyclopropanation. Journal of Organic Chemistry, 2003, 68, 4727-4742.	1.7	126
15	Total Synthesis of Thiostrepton. Retrosynthetic Analysis and Construction of Key Building Blocks. Journal of the American Chemical Society, 2005, 127, 11159-11175.	6.6	124
16	PINDY:â€‰ A Novel, Pinene-Derived Bipyridine Ligand and Its Application in Asymmetric, Copper(I)-Catalyzed Allylic Oxidationâ€. Organic Letters, 2000, 2, 3047-3049.	2.4	117
17	Organocatalytic Asymmetric Hydroxylation of Î²-Keto Esters:Â Metal-Free Synthesis of Optically Activeanti-Diols. Journal of Organic Chemistry, 2004, 69, 8165-8167.	1.7	107
18	Improved Asymmetric SNAr Reaction of Î²-Dicarbonyl Compounds Catalyzed by Quaternary Ammonium Salts Derived from Cinchona Alkaloids. Journal of Organic Chemistry, 2006, 71, 4980-4987.	1.7	88

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19	Highly Regio- and Stereoselective Synthesis of Sulfamidates from 1,2-Diols Using Burgess and Related Reagents: A Facile Entry into Î²-Amino Alcohols We thank Professor K. Barry Sharpless for the gracious donation of several of the starting diol substrates. We also thank Drs. D. H. Huang, G. Suizdak, and R. Chadja for NMR spectroscopic, mass spectrometric, and X-ray crystallographic assistance, respectively. Financial support for this work was provided by The Skaggs Institute for Chemical Biology, predoctora. Angewandte Chemie - International Edition, 2002, 41, 834.	7.2	84
20	Biomimetic Organocatalytic Asymmetric Synthesis of 2-Substituted Piperidine-Type Alkaloids and Their Analogues. Organic Letters, 2011, 13, 4546-4549.	2.4	76
21	Construction of the Complete Aromatic Core of Diazonamide A by a Novel Hetero Pinacol Macrocyclization Cascade Reaction. Angewandte Chemie - International Edition, 2001, 40, 4705-4709.	7.2	75
22	Studies toward Diazonamide A:â€‰ Development of a Hetero-Pinacol Macrocyclization Cascade for the Construction of the Bis-Macrocyclic Framework of the Originally Proposed Structure. Journal of the American Chemical Society, 2004, 126, 10174-10182.	6.6	64
23	Synthetic Studies on Thiostrepton: Construction of Thiostrepton Analogues with the Thiazoline-Containing Macrocycle. Angewandte Chemie - International Edition, 2003, 42, 3418-3424.	7.2	63
24	Non-asymmetric organocatalysis. Chemical Communications, 2012, 48, 6881.	2.2	57
25	Modular pyridine-type P , N -ligands derived from monoterpenes: application in asymmetric Heck addition. Tetrahedron Letters, 2001, 42, 3045-3048.	0.7	55
26	Intriguing Behavior of Cinchona Alkaloids in the Enantioselective Organocatalytic Hydroxyamination of Î±-Substituted-Î±-cyanoacetates. Journal of Organic Chemistry, 2007, 72, 7062-7065.	1.7	50
27	Synergic asymmetric organocatalysis (SAOc) of Cinchonaalkaloids and secondary amines in the synthesis of bicyclo[2.2.2]octan-2-ones. Chemical Communications, 2009, , 597-599.	2.2	50
28	Alkynes in Organocatalysis. Asian Journal of Organic Chemistry, 2014, 3, 340-351.	1.3	46
29	Quinineâ€Catalyzed Asymmetric Synthesis of 2,2â€²â€Binaphtholâ€Type Biaryls under Mild Reaction Conditions. Angewandte Chemie, 2016, 128, 6635-6639.	1.6	44
30	Asymmetric carbolithiation of 2-phenylselenofumarate derivatives: a short synthesis of (â^')-roccellaric acid. Tetrahedron Letters, 2000, 41, 561-565.	0.7	36
31	Title is missing!. Angewandte Chemie, 2003, 115, 3540-3546.	1.6	26
32	Multicomponent asymmetric reactions mediated by proline lithium salt. Organic and Biomolecular Chemistry, 2010, 8, 980.	1.5	26
33	Direct amino-phenylselenylation of enoates: An easy route to Î±-phenylseleno-Î²-amino esters and Î²-lactams. Tetrahedron, 1998, 54, 15657-15666.	1.0	25
34	Organocatalytic regioselective Michael additions of cyclic enones via asymmetric phase transfer catalysis. Organic and Biomolecular Chemistry, 2006, 4, 4281.	1.5	25
35	Unsaturated Î²-ketoesters as versatile electrophiles in organocatalysis. Chemical Communications, 2010, 46, 5160.	2.2	24
36	Determination of Enantioselectivity and Enantiomeric Excess by Mass Spectrometry in the Absence of Chiral Chromatographic Separation: An Overview. Chemistry - A European Journal, 2013, 19, 11478-11494.	1.7	24

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37	Efficient preparation of 3-substituted-furan-2(5H)-ones and their direct vinylogous aldol addition. Tetrahedron, 2001, 57, 4429-4436.	1.0	21
38	Enantioselective Azaâ€Michael Addition of Imides by Using an Integrated Strategy Involving the Synthesis of a Family of Multifunctional Catalysts, Usage of Multiple Catalysis, and Rational Design of Experiment. Chemistry - A European Journal, 2013, 19, 9973-9978.	1.7	21
39	Kinetic Resolution of Oxazinones: Rational Exploration of Chemical Space through the Design of Experiments. Chemistry - A European Journal, 2014, 20, 11768-11775.	1.7	21
40	Kinetic resolution of phosphoric diester by Cinchona alkaloid derivatives provided with a guanidinium unit. Catalysis Science and Technology, 2016, 6, 2280-2288.	2.1	21
41	3-Phenylselanylfuran-2(5H)-one: a versatile building block in the synthesis of lignans. A new approach towards 3,4-dibenzyl Î³-butyrolactones. Tetrahedron, 1999, 55, 12387-12398.	1.0	20
42	A Quantitative Measure of Borane Tert-Butylamine Complex Effectiveness in Carbonyl Reduction of Aged Papers. Restaurator, 1999, 20, .	0.2	18
43	The Rabe amination after a century: direct addition of N-heterocycles to carbonyl compounds. Organic and Biomolecular Chemistry, 2012, 10, 4692.	1.5	18
44	Organocatalytic Asymmetric Synthesis of Î²â€Arylâ€Î²â€isocyano Esters. Advanced Synthesis and Catalysis, 2012, 354, 2199-2210.	2.1	18
45	A Formidable Challenge: Catalytic Asymmetric Dichlorination. Angewandte Chemie - International Edition, 2011, 50, 11044-11046.	7.2	16
46	Direct vinylogous aldol addition of Î³-butyrolactones and Î³-butyrolactams. Tetrahedron Letters, 2000, 41, 3669-3672.	0.7	15
47	Crossâ€Aldol Reaction of Isatin with Acetone Catalyzed by Leucinol: A Mechanistic Investigation. Chemistry - A European Journal, 2015, 21, 12026-12033.	1.7	15
48	Selenium-directed conjugate addition of amines to dimethyl 2-phenylseleno fumarate : Regio and diastereoselective synthesis of 2-phenylseleno-3-amino succinates. Tetrahedron Letters, 1997, 38, 7917-7918.	0.7	13
49	Enamineâ€Mediated Addition of Aldehydes to Cyclic Enones. Advanced Synthesis and Catalysis, 2011, 353, 2648-2652.	2.1	13
50	Synthesis of Benzofuranones via Malonates Desymmetrization: Yield Increase by the Portionâ€wise Addition of Quinones. Chemistry - A European Journal, 2018, 24, 6941-6945.	1.7	12
51	Chemistry of odorants: stereoselective synthesis of octahydronaphthalene-based perfumery Georgywood, (+,âˆ’)-1-[(1Râˆ—,2Sâˆ—)-1,2,3,4,5,6,7,8-octahydro-1,2,8,8-tetramethylnaphthalen-2-yl]ethan-1-one. Tetrahedron, 2004, 60, 4821-4827.	1.0	10
52	Organocatalysis and catalyst aggregation: a study using the asymmetric synthesis of benzofuranones as a test reaction. Organic and Biomolecular Chemistry, 2018, 16, 7041-7049.	1.5	8
53	There is no mass spectrometry evidence that the C14 sample from the Shroud of Turin comes from a â€œmedieval invisible mendingâ€. Thermochimica Acta, 2015, 617, 169-171.	1.2	6
54	Organocatalytic Synthesis of Benzazetidines by Trapping Hemiaminals with Protecting Groups. Journal of Organic Chemistry, 2019, 84, 7395-7404.	1.7	6

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55	Benzazetidines and Related Compounds: Synthesis and Potential. Chemistry - A European Journal, 2020, 26, 10157-10174.	1.7	5
56	Synthesis of 1,2â€Diols and Their Baseâ€Initiated Rearrangement to Butyrolactones. European Journal of Organic Chemistry, 2014, 2014, 6896-6902.	1.2	3
57	Turning renewable feedstocks into a valuable and efficient punctually chiral phosphate salt catalyst. Asian Journal of Organic Chemistry, 0, , .	1.3	2
58	Organocatalytic Enantioselective Conjugate Addition to Alkynones.. ChemInform, 2004, 35, no.	0.1	1
59	Synthesis of New Chiral 2,2â€²-Bipyridine Ligands and Their Application in Copper-Catalyzed Asymmetric Allylic Oxidation and Cyclopropanation.. ChemInform, 2003, 34, no.	0.1	0
60	Asymmetric Construction of Quaternary Stereocenters by Direct Organocatalytic Amination of Î±-Substituted Î±-Cyanoacetates and Î²-Dicarbonyl Compounds.. ChemInform, 2004, 35, no.	0.1	0
61	Organocatalytic Asymmetric Hydroxylation of ?-Keto Esters: Metal-Free Synthesis of Optically Active anti-Diols.. ChemInform, 2005, 36, no.	0.1	0
62	Organocatalytic Regio- and Asymmetric C-Selective SNAr Reactions â€" Stereoselective Synthesis of Optically Active Spiropyrrolidone-3,3â€²-oxoindoles.. ChemInform, 2005, 36, no.	0.1	0
63	Direct Organocatalytic and Highly Enantio- and Diastereoselective Mannich Reactions of Î±-Substituted Î±-Cyanoacetates.. ChemInform, 2006, 37, no.	0.1	0
64	Comments on the analysis interpretation by Rogers and Latendresse regarding samples coming from the Shroud of Turin. Thermochimica Acta, 2016, 632, 52-55.	1.2	0